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TC INTERNAL

STIC Biotechnology Systems Branch

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Application Serial Number:	10/552,324
Source:	IFWO
Date Processed by STIC:	12/20/2006
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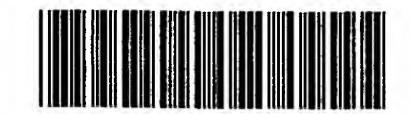
http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail. Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

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- 1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm>, EFS Submission User Manual ePAVE)
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Revised 01/10/06



IFWO

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/552,324

DATE: 12/20/2006

TIME: 13:57:06

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RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/552,324

DATE: 12/20/2006

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106

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PATENT APPLICATION: US/10/552,324

DATE: 12/20/2006

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TIME: 13:57:06

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Input Set: N:\efs\12_20_06\10552324 efs\10552324.txt
                Output Set: N:\CRF4\12202006\J552324.raw
181
                420
                                     425
                                                          430
183 Lys Asn Trp Val Glu Arg Asn Ser Tyr Ser Cys Ser Val Val His Glu
184
            435
                                 440
                                                     445
186 Gly Leu His Asn His His Thr Thr Lys Ser Phe Ser Arg Thr Pro Gly
187
        450
                             455
                                                 460
189 Lys
190 465
                                                                      _ Same Ener
193 <210> SEQ ID NO: 3
194 <211> LENGTH: 243
195 <212> TYPE: PRT
196 <213> ORGANISM: Artificial Sequence
198 <220> FEATURE:
199 <223> OTHER INFORMATION: Description of Artificial Sequence (mAB 17-1A
201 <400> SEQUENCE: 3
202 Met His Gln Thr Ser Met Gly Ile Lys Met Glu Ser Gln Thr Leu Val
203
                                          10
205 Phe Ile Ser Ile Leu Leu Trp Leu Tyr Gly Ala Asp Gly Asn Ile Val
206
                 20
                                      25
208 Met Thr Gln Ser Pro Lys Ser Met Ser Met Ser Val Gly Glu Arg Val
209
             35
                                  40
211 Thr Leu Thr Cys Lys Ala Ser Glu Asn Val Val Thr Tyr Val Ser Trp
212
         50
                              55
214 Tyr Gln Gln Lys Pro Glu Gln Ser Pro Lys Leu Leu Ile Tyr Gly Ala
215 65
                          70
                                              75
                                                                   80
217 Ser Asn Arg Tyr Thr Gly Val Pro Asp Arg Phe Thr Gly Ser Gly Ser
218
                     85
                                          90
                                                               95
220 Ala Thr Asp Phe Thr Leu Thr Ile Ser Ser Val Gln Ala Glu Asp Leu
221
                100
                                     105
                                                          110
223 Ala Asp Tyr His Cys Gly Gln Gly Tyr Ser Tyr Pro Tyr Thr Phe Gly
224
            115
                                                     125
226 Gly Gly Thr Lys Leu Glu Ile Lys Arg Ala Asp Ala Ala Pro Thr Val
227
        130
                             135
                                                 140
229 Ser Ile Phe Pro Pro Ser Ser Glu Gln Leu Thr Ser Gly Gly Ala Ser
230 145
                        150
                                             155
                                                                  160
232 Val Val Cys Phe Leu Asn Asn Phe Tyr Pro Lys Asp Ile Asn Val Lys
233
                    165
                                         170
                                                              175
235 Trp Lys Ile Asp Gly Ser Glu Arg Gln Asn Gly Val Leu Asn Ser Trp
236
                180
                                     185
                                                          190
238 Thr Asp Gln Asp Ser Lys Asp Ser Thr Tyr Ser Met Ser Ser Thr Leu
239
            195
                                 200
                                                     205
241 Thr Leu Thr Lys Asp Glu Tyr Glu Arg His Asn Ser Tyr Thr Cys Glu
242
        210
                                                 220
                             215
244 Ala Thr His Lys Thr Ser Thr Ser Pro Ile Val Lys Ser Phe Asn Arg
245 225
                                             235
                        230
                                                                  240
247 Asn Glu Cys
251 <210> SEQ ID NO: 4
252 <211> LENGTH: 243
253 <212> TYPE: PRT
254 <213 > ORGANISM: Artificial Sequence
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RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/552,324

DATE: 12/20/2006 RAW SEQUENCE LISTING PATENT APPLICATION: US/10/552,324 TIME: 13:57:06

Input Set: N:\efs\12_20_06\10552324 efs\10552324.txt Output Set: N:\CRF4\12202006\J552324.raw

256 <220> FEATURE: 257 <223> OTHER INFORMATION: Description of Artificial Sequence: mAB 17-1A 259 <400> SEQUENCE: 4 260 Met His Gln Thr Ser Met Gly Ile Lys Met Glu Ser Gln Thr Leu Val 263 Phe Ile Ser Ile Leu Leu Trp Leu Tyr Gly Ala Asp Gly Asn Ile Val 266 Met Thr Gln Ser Pro Lys Ser Met Ser Met Ser Val Gly Glu Arg Val 269 Thr Leu Thr Cys Lys Ala Ser Glu Asn Val Val Thr Tyr Val Ser Trp 272 Tyr Gln Gln Lys Pro Glu Gln Ser Pro Lys Leu Leu Ile Tyr Gly Ala 273 65 275 Ser Asn Arg Tyr Thr Gly Val Pro Asp Arg Phe Thr Gly Ser Gly Ser 278 Ala Thr Asp Phe Thr Leu Thr Ile Ser Ser Val Gln Ala Glu Asp Leu 281 Ala Asp Tyr His Cys Gly Gln Gly Tyr Ser Tyr Pro Tyr Thr Phe Gly 284 Gly Gly Thr Lys Leu Glu Ile Arg Arg Ala Asp Ala Ala Pro Thr Val 287 Ser Ile Phe Pro Pro Ser Ser Glu Gln Leu Thr Ser Gly Gly Ala Ser 288 145 290 Val Val Cys Phe Leu Asn Asn Phe Tyr Pro Lys Asp Ile Asn Val Lys 293 Trp Lys Ile Asp Gly Ser Glu Arg Gln Asn Gly Val Leu Asn Ser Trp 296 Thr Asp Gln Asp Ser Lys Asp Ser Thr Tyr Ser Met Ser Ser Thr Leu 299 Thr Leu Thr Lys Asp Glu Tyr Glu Arg His Asn Ser Tyr Thr Cys Glu 302 Ala Thr His Lys Thr Ser Thr Ser Pro Ile Val Lys Ser Phe Asn Arg 303 225 305 Asn Glu Cys 309 <210> SEQ ID NO: 5 Jame Encer 310 <211> LENGTH: 243 311 <212> TYPE: PRT 312 <213> ORGANISM: Artificial Sequence 314 <220> FEATURE: 315 <223> OTHER INFORMATION: Description of Artificial Sequence: MAB 17-1A 317 <400> SEQUENCE: 5 318 Met His Gln Thr Ser Met Gly Ile Arg Met Glu Ser Gln Thr Leu Val 321 Phe Ile Ser Ile Leu Leu Trp Leu Tyr Gly Ala Asp Gly Asn Ile Val 324 Met Thr Gln Ser Pro Arg Ser Met Ser Met Ser Val Gly Glu Arg Val 327 Thr Leu Thr Cys Arg Ala Ser Glu Asn Val Val Thr Tyr Val Ser Trp

DATE: 12/20/2006 RAW SEQUENCE LISTING ERROR SUMMARY PATENT APPLICATION: US/10/552,324 TIME: 13:57:07

Input Set: N:\efs\12_20_06\10552324_efs\10552324.txt

Output Set: N:\CRF4\12202006\J552324 ---

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; N Pos. 213,288

Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:5; Line(s) 368,369,370,371,372,373,374,375,376,377,378,379,380,381,382

VARIABLE LOCATION SUMMARY

DATE: 12/20/2006

PATENT APPLICATION: US/10/552,324

TIME: 13:57:07

Input Set: N:\efs\12_20_06\10552324 efs\10552324.txt

Output Set: N:\CRF4\12202006\J552324.raw

Use of n's or Xaa's (NEW RULES):

Error Explanation
Sequence Listing Use of n's and/or Xaa's have been detected in the Sequence Listing. Use of <220> to <223> is MANDATORY if n's or Xaa's are present. in <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.

Seq#:1; N Pos. 213,288

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/552,324

DATE: 12/20/2006

TIME: 13:57:07

Input Set: N:\efs\12_20_06\10552324_efs\10552324.txt

Output Set: N:\CRF4\12202006\J552324.raw

L:9 M:270 C: Current Application Number differs, Replaced Application Number L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date L:28 M:258 W: Mandatory Feature missing, <221> Tag not found for SEQ ID#:1 L:28 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:1 L:28 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:180 M:341 Repeated in SeqNo=1